```
Title:          US-10-563-601-1
Perfect score:  852
Sequence:       1 agtcgataccctccgagaata.........gactatttgtgggcgtaatg 852

Scoring table:  OLIGO_NUC
                Gapop 60.0 , Gapext 60.0

Searched:       66588504 seqs, 38904969350 residues

Word size :     12

Total number of hits satisfying chosen parameters:      4132221

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Listing first 45 summaries


RESULT 5
CA082260
LOCUS       CA082260                 591 bp    mRNA    linear   EST 23-SEP-2003
DEFINITION  SCAGAM2125B02.g AM2 Saccharum officinarum cDNA clone SCAGAM2125B02
            5', mRNA sequence.
ACCESSION   CA082260
VERSION     CA082260.1  GI:34935261
KEYWORDS    EST.
SOURCE      Saccharum officinarum
  ORGANISM  Saccharum officinarum
            Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
            Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; PACCAD
            clade; Panicoideae; Andropogoneae; Saccharum; Saccharum officinarum
            complex.
REFERENCE   1  (bases 1 to 591)
  AUTHORS   Vettore,A.L., da Silva,F.R., Kemper,E.L. and Arruda,P.
  TITLE     The libraries that made SUCEST
  JOURNAL   Genet. Mol. Biol. 24 (1-4), 1-7 (2001)
COMMENT     Contact: Arruda P
            Centro de Biologia Molecular e Engenharia Genetica
            Universidade Estadual de Campinas
            Caixa Postal 6010, 13083-970, Campinas SP, Brazil
            Tel: 55 19 3788 1137
            Fax: 55 19 3788 1089
            Email: parruda@unicamp.br
            Clone distribution: clone distribution information can be found
            through the Brazilian Clone Collection Center (BCCC) at
            http://www.bcccenter.fcav.unesp.br
            Plate: 125  row: B  column: 02
            Seq primer: T7 Promoter Primer.
FEATURES             Location/Qualifiers
     source          1. .591
                     /organism="Saccharum officinarum"
                     /mol_type="mRNA"
                     /db_xref="taxon:4547"
                     /clone="SCAGAM2125B02"
                     /lab_host="DH10B"
                     /clone_lib="AM2"
                     /note="Organ: Apical meristem and tissues surrounding of
                     immature plants; Vector: pSport1; Site_1: Sal1; Site_2:
                     NotI; An unidirectional cDNA library generated from
                     [Apical meristem and  tissues surrounding of immature
                     plants]. cDNA was prepared from polyA+  mRNA using
                     SuperScript Plasmid System Kit (Invitrogen). The
                     double-strand  cDNAs were fractionated in a sepharose
                     CL-2B 40cm-columns and fragments  sizing between 0.8 and
                     1.5 Kb were directionally cloned into the vector.  Details
                     of each source of RNA and library construction can be
                     obtained at  http://sucest.lad.ic.unicamp.br/public"
```

ORIGIN

Query Match 2.5%; Score 21; DB 5; Length 591;
Best Local Similarity 100.0%; Pred. No. 30;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy        247 GAAGGTGAAGGAGCTGTTGAA 267
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Db        394 GAAGGTGAAGGAGCTGTTGAA 414
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